IN THE CLAIMS:

Please cancel claims 3, 4, 5, 7-10 and 11-14, inclusive.

Please amend claims 1 and 6.

Please add new claims 15-20.

Amended claim 1 now includes former clams 3, 4 and 5. Amended claim 6 now includes former claims 7, 8, 9 and 10.

1. (Currently Amended) In a computer system including at least one mainframe server and one client, a method for handling a suspended task, said method comprising the steps of:

(a) performing a security check on said mainframe server[[;]] , wherein said step of performing a security check on said mainframe server includes the steps of:

(a1) determining if a database control file exists on said mainframe server, and if not, returning an error;

(a2) determining if said client has a privilege to access said mainframe server, and if not, returning an error;

(a3) determining if said client has a permission to access said database, and if not, returning an error;

(b) detecting a response from said suspended task;

(c) monitoring said response[[;]] wherein said step of monitoring said response includes the steps of:

(c1) determining if said response is from said mainframe server, and if so, notifying said client of said response;

(c2) determining if said response is from said client, and if so;

(c3) determining if a server response has been issued, and if so, canceling said response from said client;

(d)   handling said response[[;]] <u>wherein said step of</u> <u>handling said response includes the steps of</u>:

   (d1) <u>sending said response from said client to a</u> <u>service program on said mainframe server;</u>

   (d2) <u>sending said response from said service</u> <u>program to a server program on said mainframe</u> <u>server;</u>

   (d3) <u>making an operating system call on said</u> <u>mainframe server to submit said response for said</u> <u>suspended task to said client;</u>

(e)   activating said suspended task with said response.

2. (Original) The method as in Claim 1 wherein said suspended task may have resulted from a program exception.

3. (Cancelled).

4. (Cancelled).

5. (Cancelled).

6. (Currently Amended) A storage medium encoded with machine-readable computer program code enabling a method for handling a suspended task and notifying a client, said method comprising the steps of:

(a) performing a security check on said mainframe server[[;]]

(a1) determining if a database control file exists on said mainframe server, and if not, returning an error;

(a2) determining if said client has a privilege to access said mainframe server, and if not, returning an error;

(a3) determining if said client has permission to access said database, and if not, returning an error;

(b) detecting a response from said suspended task;

(c) monitoring said response[[;]] wherein said step of monitoring said response includes the steps of:

(c1) determining if said response is from said mainframe server, and if so, notifying said client of said response;

(c2) determining if said response is from said client, and if so, notifying said client;

(c3) determining if a server response has been issued, and if so, canceling said response from said client;

(d)   handling said response[[;]] <u>wherein said step of handling said response includes the steps of:</u>

<u>(d1) sending said response from said client to a service program on said mainframe server;</u>

<u>(d2) sending said response from said service program to a server program on said mainframe server;</u>

<u>(d3) making an operating system call on said mainframe server to submit said response for re-activating said suspended task;</u>

(e)   activating said suspended task with said response.

7. (Cancelled).

8. (Cancelled).

9. (Cancelled).

10. (Cancelled).

11. (Cancelled).

12. (Cancelled).

13. (Cancelled).

14. (Cancelled).

15. (New) In a network where multiple client PC's can initiate program tasks and operate in communication with a mainframe server and database storage means, wherein said server includes a service program which connects said client PC and said server, a system for handling a suspended task comprising:

      (a)   means to connect to said server;

      (b)   means to execute a security check on said server;

      (c)   means for detecting a response from said server;

      (d)   means to send a suspension message to said service program to indicate a suspended task (exception);

      (e)   means to monitor any response from said client-PC or said server;

      (f)   means to handle said response that was monitored;

      (g)   means to activate said suspended task.

16. (New) The system of claim 15 wherein each I/O Read/Write operation or each interlock between participating programs using a shared resource is designated as an event and wherein said means (a) to connect includes:

(a1) means for setting a lock for single threading;

(a2) means to initiate a child event which involves a task initiated by a parent event;

(a3) means to initiate a parent event which sets up a separate stack for a process.

17. (New) The system of claim 15 wherein said means (b) to execute a security check includes:

(b1) means to check if a database control file is in existence, and, if so;

(b2) means to check if said client-PC has privilege to access said database storage means and if so;

(b3) means to check if said client-PC has permission to access said database storage means, and if so;

(b4) means to enable said means for detecting a response.

18. (New) The system of claim 15 wherein said means (e) to monitor any response includes:

        (e1) means to determine if there is a response to a suspended task (exception), and if so;

        (e2) means to check if said response is from a client-PC, and if so;

        (e3) means to check if there was also a server response, and if so;

        (e4) means to cancel said client-PC response;

        (e5) means to handle said server response;

        (e6) means to inform said client-PC of said server response.

19. (New) The system of claim 18 wherein said means (e3) to check for a server response shows that no server response was indicated, then said means (e3) includes:

        (e31) means to handle said client response.

20. (New) The system of claim 15 wherein said means (f) to handle said response that was monitored includes:

(f1) means to send said response from said client-PC to said service program;

(f2) means to send said response from said service program to said server;

(f3) means to call the operating system in said server to submit a response, for the suspended task, to said client-PC.